

ILLUSTRUM™ 2511

DESCRIPTION

ILLUSTRUM™ 2511 is a three-component, high-performance, hybrid polyurea polyurethane elastomer. It can be batch-mixed and applied by brush, roller, or low-cost spray equipment. It is ideally suited for applications where a proportioner and fast set materials are not feasible or cost-effective.

FEATURES

- Impact resistant
- Exceptional abrasion resistance
- High elongation
- Resistant to cracking under high flex conditions
- Remains tough at low temperatures
- Chemical resistant

PHYSICAL PROPERTIES

Mix Ratio	2.5A:1B:1C (volume)
Component A	
Viscosity	4500 cPs
Specific Gravity	0.99
Component B	
Viscosity	50 cPs
Specific Gravity	0.86
Component C	
Viscosity	40 cPs
Specific Gravity	1.05
Solids by Weight	61%
Solids by Volume	56%
Pot Life	15-20 minutes
Tack Free Time	1 hour
Elongation	400% (ASTM D412)
Tensile Strength	2500 psi (ASTM D412)
Tear Strength	450 pli (ASTM D624)
Conical/Mandrel Bend	Pass (ASTM D522, Test Method A)

Physical properties may vary due to ambient conditions.

INSTRUCTIONS

Thoroughly mix Component B until homogeneous prior to use. Add Component B, Component C, and desired tint to Component A and mix until uniform color is achieved. Avoid overmixing as this may shorten pot life. Only mix as much as can be used within 15-20 minutes at a time.

Consult application guide for detailed instructions.

STORAGE

Store in a cool and dry place for product integrity. Store in tightly sealed containers to protect from moisture and foreign materials. Component C is water-based; take care to ensure it does not freeze during transport or storage.

SAFETY AND HANDLING

An SDS is available from Quantum Chemical.

AVAILABILITY

ILLUSTRUM™ 2511 components are packaged in 5 US gallon pails (18.9L) or 52.9 US gallon drums (200L).

OTHER

Recommendations for the use of our products are based on the specifications of this technical data and the test results published herein. Manufacturer and seller are not responsible for results where the product is used under any conditions outside those specified. The information contained herein is subject to change without notice. If in doubt, contact your representative for current Technical Data Sheets (TDS).